

2008 Flood in Presidio County



- Flood caused by local rainfall, as well as massive releases of water by Mexico from various reservoirs on the Rio Conchos
- The release continued for over two weeks. Rate of release was as high as 2000 cms (32 million gallons per minute!)
- Rio Conchos joins the Rio Grande just upstream of Presidio
- 43 TxDOT personnel assisted Local, State, and Federal agencies
- TxDOT duties consisted of loading and hauling thousands of cubic yards of sand, filling and transporting small and large sandbags, making a secondary levee utilizing the TxDOT owned S. Orient Railroad, and we assisted in efforts to shore up and repair existing Rio Grande levees

Rio Conchos Basin Mexico



Release water from the Francisco I. Madero Reservoir near Delicias, MX



Rio Grande upstream of International Bridge



Multiple sections of FM 170 inundated by flood waters



Where is FM 170?



FM 170 downriver from Presidio



Numerous levee breaches downriver caused water to back up behind the levee system, all the way to Presidio



Building temporary levee to protect homes downriver at Loma Pelona



Ojinaga, Mexico Port of Entry



“Before” picture showing location of dam built by TxDOT on S. Orient RR to prevent flooding of almost 200 homes



Road built by TxDOT to access Railroad Bridge that needed a dam constructed due to rising water



Material pushed up the night before was no longer able to hold back rapidly rising water



Crews worked for 22 hours straight to complete the dam and protect the City



Completed dam



Water held back by TxDOT dam (Note 6 ft. fence posts in foreground)



Location where the 3000 lb. sandbags were
needed to complete secondary levee along
TxDOT owned S. Orient RR



Filling 1 CY (3000 lb.) “Super Sacks”



Exhausted...but still smiling!



Filling Super Sacks with TDCJ inmates



TxDOT made over 650 cable slings (each 50 ft. long) to facilitate the air drop of Super Sacks



Moving filled Super Sacks after cables are secured



Super Sacks were transported to shoulder of FM 170



Still filling...

TxDOT filled over 550 Super Sacks



Ready for Air Operations



CH-47 Chinook Helicopter (5 of these were used to complete the placement of Super Sacks)



Ground crew connects cables for transport of Super Sacks



Placing Super Sacks by Chinooks



Completed Super Sack levee



Questions?

